

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A transparent, ~~especially glass~~, substrate (10) having at least one functional element (20) on one face and an antireflection coating (11) on the opposite face, said coating being made from a stack of thin dielectric layers having alternating high and low refractive indices, characterized in that the antireflection coating is used as abrasion-resistant antiscratch coating.

Claim 2 (Original): The transparent substrate as claimed in claim 1, characterized in that the abrasion-resistant antiscratch coating formed by the antireflection coating (11) has a resistance of at least 3H and with an abrasion resistance such that the haze of the substrate that may be caused remains less than 1.5%.

Claim 3 (Original): The substrate as claimed in claim 1, characterized in that the multilayer antireflection coating is deposited on the substrate before the functional element is deposited.

Claim ~~[[5]]~~ 4 (Currently Amended): The substrate as claimed in ~~one of claims 1 to 3~~ claim 1, characterized in that the multilayer stack is based on Si_3N_4 or SnO_2 , and SiO_2 .

Claim 5 (Currently Amended): The substrate as claimed in ~~one of claims 1 to 4~~ claim 1, characterized in that the stack comprises, in succession:

→ a high-index first layer (c1) having a refractive index n_1 between 1.8 and 2.2 and a geometrical thickness e_1 between 5 and 50 nm;

- a low-index second layer (c2) having a refractive index n_2 between 1.35 and 1.65 and a geometrical thickness e_2 between 5 and 50 nm;
- a high-index third layer (c3) having a refractive index n_3 between 1.8 and 2.2 and a geometrical thickness e_3 between 70 and 120 nm; and
- a low-index fourth layer (c4) having a refractive index n_4 between 1.35 and 1.65 and a geometrical thickness e_4 of at least 80 nm.

Claim 6 (Original): The substrate as claimed in claim 5, characterized in that the stack is as follows: $\text{Si}_3\text{N}_4 / \text{SiO}_2 / \text{Si}_3\text{N}_4 / \text{SiO}_2$.

Claim 7 (Original): The substrate as claimed in claim 1, characterized in that the functional element (20) is a metallic electromagnetic shielding element.

Claim 8 (Original): The substrate as claimed in claim 7, characterized in that the functional element (20) consists of at least one conducting metal layer.

Claim 9 (Original): The substrate as claimed in claim 7, characterized in that the functional element (20) consists of a stack of thin layers including at least two silver layers.

Claim 10 (Original): The substrate as claimed in claim 8, characterized in that the multilayer stack has the following sequence:

$\text{Si}_3\text{N}_4 / \text{ZnO} / \text{Ag} / \text{Ti} / \text{Si}_3\text{N}_4 / \text{ZnO} / \text{Ag} / \text{Ti} / \text{ZnO} / \text{Si}_3\text{N}_4$.

Claim 11 (Original): The substrate as claimed in claim 7, characterized in that the functional element (20) consists of a network of wires in the form of a grid.

Claim 12 (Original): The substrate as claimed in claim 7, characterized in that the functional element (20) consists of the combination of a stack of silver-based thin layers and a network of wires in the form of a grid.

Claim 13 (Original): The substrate as claimed in claim 7, characterized in that the functional element (20) is deposited directly on the substrate (10).

Claim 14 (Original): The substrate as claimed in claim 7, characterized in that the functional element (20) is deposited on a plastic film bonded to the substrate (10).

Claim 15 (Original): The substrate as claimed in claim 7, characterized in that the functional element (20) is laminated between two plastic films, one of which is bonded to the substrate (10) whereas the other is bonded to another substrate (10a).

Claim 16 (Original): The substrate as claimed in claim 7, characterized in that the functional element (20) is combined with a second functional element (21) made of an antireflection coating.

Claim 17 (Original): The substrate as claimed in claim 16, characterized in that the second functional element (21) is an antireflection multilayer stack (21b).

Claim 18 (Original): The substrate as claimed in claim 16, characterized in that the second functional element (21) is an adhesive antireflection film (21a).

Claim 19 (Currently Amended): The substrate as claimed in ~~any one of the preceding claims~~ claim 1, characterized in that the substrate is made of untoughened glass.

Claim 20 (Currently Amended): The application of the substrate as claimed in ~~any one of the preceding claims~~ claim 1, to the manufacture of glazing or of filters for display screens.

Claim 21 (Original): The application as claimed in claim 20 for plasma screens.